

Peak District National Park

Forecast valid from 00:00 on Friday 19 Mar 2021 until 23:59 on Saturday 20 Mar 2021

Forecast Issued on Thursday 18 Mar 2021 at 16:58

Confidence: High for largely settled but rather cloudy conditions through into the weekend but lower for details regarding cloud amounts and for timing of a return to more unsettled conditions next week.

Headline for Friday 19 Mar 2021: Cloudy with occasional drizzle and extensive hill fog slowly lifting. Occasionally strong northeasterly winds easing.

Mountain weather hazards on Friday 19 Mar 2021

Blizzards
No Likelihood

Gales
No Likelihood

Thunderstorms
No Likelihood

Heavy Snow
No Likelihood

Severe chill effect
Low Likelihood

Heavy persistent rain
No Likelihood

Storm force winds
No Likelihood

Poor visibility
High Likelihood

Strong sunlight
No Likelihood

Weather and chance of precipitation at 600m							
Time							
00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00
							
Fog	Fog	Fog	Fog	Fog	Cloudy	Cloudy	Cloudy
Precipitation probability							
30%	50%	50%	50%	30%	10%	10%	10%

Forecast for Friday 19 Mar 2021

Weather: Cloudy with extensive hill fog and, especially across eastern hills, outbreaks of light drizzle, however cloud lifts a little through the afternoon and drizzle becomes patchier.

Chance of cloud free mountain/hill tops above 600m: Little chance through the day.

Visibility: Periods of persistent cloud above 300-450m rising, especially in the west, to 600m during the afternoon and evening. Away from cloud, visibility good falling to just a few kilometres in drizzle.

Forecast for Friday 19 Mar 2021

Height (m)	Wind Speed mean/gusts (mph)					Wind Direction (blowing from)			
	00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	23/31 NE	24/33 NE	23/32 NE	19/27 NE	16/23 NE	13/18 NE	10/14 NE	10/14 NE	6/9 N
300	16/24 NE	15/21 NE	15/21 NE	15/22 NE	12/19 NE	9/15 NE	6/10 NE	5/8 NE	4/6 NW
Valley	14/29 NE	11/25 NE	9/22 NE	10/22 NE	9/19 NE	7/14 NE	5/11 NE	3/9 NE	2/5 N

Height (m)	Temperature / Feels Like (°C)								
	00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	4/-2	4/-2	3/-2	4/-2	4/-1	4/-0	4/0	3/-1	3/0
300	6/2	6/2	5/1	6/2	6/3	7/4	6/4	6/4	5/4
Valley	7/3	6/3	6/3	6/3	8/5	8/6	7/6	6/5	6/5
Freezing Level*	1900m	1800m	1600m	1300m	1100m	1100m	1200m	1400m	1500m

*Level above which ground is expected to be frozen/snow is expected to settle.

Meteorologist's View

Significant chill on higher summits.

Recent rainfall: measured at Cat & Fiddle: altitude 511m

Recorded at
15:00 on Thu 18 Mar 2021

Last 24 hours:
0mm

Last 48 hours:
0mm

Last 72 hours:
0mm

Forecast for Saturday 20 Mar 2021

Weather: Mostly cloudy with patchy drizzle overnight but becoming brighter through the morning with some sunny spells developing.

Maximum wind: Westerly or northwesterly around 10mph increasing 15mph through the afternoon

Chance of cloud free mountain/hill tops above 600m: Around 30% at dawn rising close to 75% by mid-morning.

Visibility: Periods or persistent cloud 450-600m becoming more occasional through the morning. Away from cloud visibility generally good or very good.

Temperature: **Valleys:** Around plus 5 Celsius at dawn rising to plus 13 or 14 Celsius by day
At 600m: Plus 5 Celsius
Freezing level: Above summits